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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSISTANT COMMISSIONER FOR PATENTS  
Box Patent Application  
Washington, D. C. 20231



Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the nonprovisional patent application of:

John FALLON, Howard WEISS and David MISLAN for  
Inventors

DICOM COMPLIANT FILE COMMUNICATION INCLUDING QUANTITATIVE AND IMAGE DATA  
Title of Invention

APPLICATION ELEMENTS ENCLOSED:

1. X Specification (total pages 26) including:
  - a. 5 pages of claims (1-27 claims)
  - b. 1 page Abstract
2. X 12 sheets of X informal    formal drawings (Figs. 1-10)
3. X Oath or declaration of Applicants ( 3 total pages)
  - a. X Newly executed (original or copy)
  - b.    Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Item 14 completed)
4.    Deletion of Inventor(s)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5.    Incorporation By Reference  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied in item 3b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.    Microfiche Computer Program (Appendix)

APPLICATION PARTS ENCLOSED:

7. X An assignment of the invention to Hologic, Inc. (cover sheet & document(s))
8.    37 CFR 3.73(b) Statement (when there is an assignee)
9. X Power of Attorney
  - a. X Newly executed (original or copy)
  - b.    Copy from a prior application

- The filing fee is calculated as follows:

					Rate			Fee	
	Number Filed		Number Extra*		Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	27-20	=	7	x	\$ 9	\$ 18	=	\$	\$ 126
Indep. Claims	3-3	=	0	x	\$ 39	\$ 78	=	\$	\$ 0
Multiple Dependent Claims Presented: Yes___ No <u>X</u>					\$130	\$260	=	\$	\$ 0
If the difference in column 1 is less than zero, enter "0" in column 2					Basic Fee			\$ 380	\$ 760
					Total Fee				\$ 886

18. X A check in the amount of \$ 886.00 to cover the filing fee.
19.     Please charge Deposit Account No. 03-3125 in the amount of \$ 40.00 for recordation of the Assignment.
20. X The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any overpayment to Deposit Account No. 03-3125.
- X Filing fees under 37 C.F.R. § 1.16.
- X Patent application processing fees under 37 C.F.R. §1.17.
- The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b).
21. X Three copies of this sheet are enclosed.
22. X Other (identify) Cover Page

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : John FALLON et al.  
Serial No. : Not Yet Assigned Group Art Unit:  
Date Filed : Concurrently Herewith Examiner:  
For : DICOM COMPLIANT FILE COMMUNICATION INCLUDING  
QUANTITATIVE AND IMAGE DATA

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Assistant Commissioner for Patents  
**Box Patent Application**  
Washington, D.C. 20231

**EXPRESS MAIL**  
**LETTER OF TRANSMITTAL**

Express Mail mailing label number: EM157609560US

Date of Deposit: November 24, 1999

I hereby certify that the above-identified application consisting of a 26-page specification, cover page, 27 claims, 12 sheets of informal drawings, 3 copies of transmittal form, executed Declaration and Power of Attorney, Form PTO-1595 Recordation Form, executed Assignment Form and a check for \$40 for Assignment fee and check for \$886 filing fee, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
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